



ELSEVIER

Analytica Chimica Acta 329 (1996) 327-329

ANALYTICA  
CHIMICA  
ACTA

## Author Index

- Aguilar, M., see El Aamrani, F.Z. 247  
Alés Barrero, F., see García Campaña, A.M. 319  
Andersen, N.P.R.  
—, Holst-Hansen, P. and Britz, D.  
Using the electrochemical quartz crystal microbalance as stripping detector. Application to trace mercury analysis 253  
Angnes, L.  
—, Azevedo, C.M.N., Araki, K. and Toma, H.E.  
Electrochemical detection of NADH and dopamine in flow analysis based on tetraethylenated porphyrin modified electrodes 91  
Araki, K., see Angnes, L. 91  
Arikawa, K., see Ikebukuro, K. 111  
Arranz, A., see Fdez. de Betonšo, S. 25  
Arranz, J.F., see Fdez. de Betonšo, S. 25  
Azevedo, C.M.N., see Angnes, L. 91  
Bai, J., see Ni, Y. 65  
Becker, J.S., see Panday, V.K. 153  
Belmont, C.  
—, Tercier, M.-L., Buffle, J., Fiaccabrino, G.C. and Koudelka-Hep, M.  
Mercury-plated iridium-based microelectrode arrays for trace metals detection by voltammetry: optimum conditions and reliability 203  
Beyer, L., see El Aamrani, F.Z. 247  
Blanco, C.C., see Carretero, A.S. 165  
Britz, D., see Andersen, N.P.R. 253  
Buffle, J., see Belmont, C. 203  
Burns, D.T., see Chimpalee, N. 315  
Cai, X., see Tavčar, G. 239  
Carretero, A.S.  
—, Blanco, C.C. and Gutiérrez, A.F.  
Application of variable-angle synchronous phosphorimetry in a microemulsion medium for the simultaneous determination of three polyaromatic hydrocarbons 165  
Cha, H., see Zhou, X. 105  
Chen, H.-y., see Zhou, D.-m. 41  
Chen, K.  
—, Le, D., Zhang, H., Nie, L. and Yao, S.  
Model of quartz crystal microbe growth sensor and its application to estimation of microbial populations in mineral waters 83  
Chimpalee, D., see Chimpalee, N. 315  
Chimpalee, N.  
—, Chimpalee, D., Lohwithee, S., Nakwatchara, L. and Burns, D.T.  
Spectrophotometric determination of copper after extraction of its chelate with bis(acetylacetone)ethylenediamine 315  
Chmurzyński, L.  
Studies on correlations of acid-base properties of substituted pyridine N-oxides in solutions. Part 2: Correlations of the  $pK_a$  values in non-aqueous media 267  
Chow, C.W.K., see Kolev, S.D. 1  
Collin, J.-P., see Sun, L.-X. 57  
Dai, M., see Liu, H. 97  
Daniele, P.G., see Gulmini, M. 33  
Davey, D.E., see Kolev, S.D. 1  
Deng, J., see Liu, H. 97  
Dietz, H.-J., see Panday, V.K. 153  
d'Oliveira, J.M.R., see Pinheiro, J.P. 15  
Drungilience, A., see Wollenberger, U. 231  
Eccles, H., see Yong, P. 173  
El Aamrani, F.Z.  
—, Sastre, A., Aguilar, M., Beyer, L. and Florido, A.  
Iodide-selective electrodes based on the silver(I) complex of a novel N-thiocarbamoylimine-diethioether derivative 247  
Erni, F., see Wu, W. 257  
Fang, H.-Q., see Zhou, D.-m. 41  
Fang, X.  
—, Ye, J. and Fang, Y.  
Determination of polyhydroxy antibiotics by capillary zone electrophoresis with amperometric detection at a nickel electrode 49  
Fang, Y., see Fang, X. 49  
Fdez. de Betonšo, S.  
—, Moreda, J.M., Arranz, A. and Arranz, J.F.  
Study of the adsorptive stripping voltammetric behaviour of the antihypertensive drug Doxazosin 25  
Fiaccabrino, G.C., see Belmont, C. 203  
Florido, A., see El Aamrani, F.Z. 247  
García Campaña, A.M.  
—, Alés Barrero, F. and Román Ceba, M.  
Sensitive spectrofluorimetric method for the determination of ethylenediaminetetraacetic acid and its salts in foods with zirconium ions and Alizarin Red S in a micellar medium 319

- Gómez-Hens, A., see Panadero, S. 135  
 Guekezan, M., see Prada, S.M. 197  
 Guerrieri, A., see Zambonin, C.G. 143  
 Gulmini, M.  
 —, Zelano, V., Daniele, P.G., Prenesti, E. and Ostacoli, G.  
 Acid-base properties of a river sediment: applicability of potentiometric titrations 33  
 Gutiérrez, A.F., see Carretero, A.S. 165  
 Hart, J.P., see Sprules, S.D. 215  
 Hartley, I.C., see Sprules, S.D. 215  
 Hayashi, K.  
 —, Sasaki, S., Ikebukuro, K. and Karube, I.  
 Highly sensitive chemiluminescence flow injection analysis system using microbial peroxidase and a photodiode detector 127  
 Heuerding, S., see Wu, W. 257  
 Holst-Hansen, P., see Andersen, N.P.R. 253  
 Ikebukuro, K.  
 —, Shimomura, M., Onuma, N., Watanabe, A., Nomura, Y., Nakanishi, K., Arikawa, Y. and Karube, I.  
 A novel biosensor system for cyanide based on a chemiluminescence reaction 111  
 Ikebukuro, K., see Hayashi, K. 127  
 Jin, L., see Ni, Y. 65  
 Ju, H.-x., see Zhou, D.-m. 41  
 Karube, I., see Hayashi, K. 127  
 Karube, I., see Ikebukuro, K. 111  
 Kim, H.-S., see Shin, M.-C. 223  
 Kim, K.-J., see Lee, J.H. 117  
 Koike, Y., see Ohta, K. 191  
 Kolev, S.D.  
 —, Chow, C.W.K., Davey, D.E. and Mulcahy, D.E.  
 Mathematical modelling of potentiometric stripping analysis in mechanically mixed solutions 1  
 Kotouček, M.  
 — and Opravilová, M.  
 Voltammetric behaviour of some nitropesticides at the mercury drop electrode 73  
 Koudelka-Hep, M., see Belmont, C. 203  
 Kubiak, W.W.  
 — and Wang, J.  
 Flow injection analysis as a tool for studying polymer modified electrodes 181  
 Kulys, J.J., see Wollenberger, U. 231  
 Lan, Z.-H.  
 — and Mottola, H.A.  
 Determination of CO<sub>2</sub>(g) by enhancement of luminol-cobalt(II) phthalocyanine chemiluminescence: Analysis of atmospheric air and human breath 305  
 Lederer, M.  
 — and Leipzig-Pagani, E.  
 A simple alternative determination of the formation constant for the inclusion complex between rutin and  $\beta$ -cyclodextrin 311  
 Le, D., see Chen, K. 83  
 Lee, J.H.  
 —, Lee, S.Y. and Kim, K.-J.  
 The relative significance of multiple pathways in peroxyoxalate chemiluminescence reactions 117  
 Lee, S.Y., see Lee, J.H. 117  
 Leipzig-Pagani, E., see Lederer, M. 311  
 Liang, C., see Lui, J. 297  
 Lim, K.B.  
 — and Pardue, H.L.  
 Highly rugged kinetic method for the enzymatic determination of DNA in agarose gel with array detection using a charge coupled device 285  
 Liu, H.  
 —, Zhang, X., Wei, J., Wu, X., Qi, D., Liu, Y., Dai, M., Yu, T. and Deng, J.  
 An amperometric Meldola Blue-mediated sensor high sensitive to hydrogen peroxide based on immobilization of horseradish peroxidase in a composite membrane of regenerated silk fibroin and poly(vinyl alcohol) 97  
 Liu, Y., see Liu, H. 97  
 Lohwithee, S., see Chimpalee, N. 315  
 Lui, J.  
 —, Tan, M., Liang, C. and Ying, K.B.  
 Immobilized enzyme modulator microassay (IEMMA) for the detection of pesticide in fresh produce 297  
 Macaskie, L.E., see Yong, P. 173  
 Mallet, Y., see Wu, W. 257  
 Marshall, G.D., see Taylor, M.L.C. 275  
 Martinho, J.M.G., see Pinheiro, J.P. 15  
 Massart, D.L., see Wu, W. 257  
 Mizuno, T., see Ohta, K. 191  
 Moreda, J.M., see Fdez. de Betonšo, S. 25  
 Mota, A.M., see Pinheiro, J.P. 15  
 Mottola, H.A., see Lan, Z.-H. 305  
 Mulcahy, D.E., see Kolev, S.D. 1  
 Nakanishi, K., see Ikebukuro, K. 111  
 Nakwachara, L., see Chimpalee, N. 315  
 Ni, Y.  
 —, Bai, J. and Jin, L.  
 Simultaneous adsorptive voltammetric analysis of mixed colorants by multivariate calibration approach 65  
 Nie, L., see Chen, K. 83  
 Nomura, Y., see Ikebukuro, K. 111  
 Ogorevc, B., see Tavčar, G. 239  
 Ohta, K.  
 —, Koike, Y. and Mizuno, T.  
 Determination of zinc in biological materials by sequential metal vapor elution analysis with atomic absorption detection 191  
 Okada, T., see Sun, L.-X. 57  
 Onuma, N., see Ikebukuro, K. 111  
 Opravilová, M., see Kotouček, M. 73  
 Ostacoli, G., see Gulmini, M. 33  
 Palmisano, F., see Zambonin, C.G. 143  
 Panadero, S.  
 —, Gómez-Hens, A. and Pérez-Bendito, D.

- Kinetic determination of salicylic acid, diflunisal and their mixture based on lanthanide-sensitized luminescence 135
- Panday, V.K.  
—, Becker, J.S. and Dietz, H.-J.  
Determination of trace impurities in tantalum by inductively coupled plasma mass spectrometry after removal of the matrix by liquid-liquid extraction 153
- Pardue, H.L., see Lim, K.B. 285
- Penninckx, W., see Wu, W. 257
- Pérez-Bendito, D., see Panadero, S. 135
- Pihlar, B., see Tavčar, G. 239
- Pinheiro, J.P.  
—, Mota, A.M., d'Oliveira, J.M.R. and Martinho J.M.G.  
Dynamic properties of humic matter by dynamic light scattering and voltammetry 15
- Pittson, R., see Sprules, S.D. 215
- Prada, S.M.  
—, Guekezian, M. and Suárez-Iba, M.E.V.  
Alternative indirect method for sulfate determination in natural samples 197
- Prenesti, E., see Gulmini, M. 33
- Qi, D., see Liu, H. 97
- Román Ceba, M., see García Campaña, A.M. 319
- Saling, C., see Taylor, M.J.C. 275
- Sasaki, S., see Hayashi, K. 127
- Sastre, A., see El Aamrani, F.Z. 247
- Scheller, F.W., see Wollenberger, U. 231
- Shimomura, M., see Ikebukuro, K. 111
- Shin, M.-C.  
—, Yoon, H.C. and Kim, H.-S.  
In situ biochemical reduction of interference in an amperometric biosensor with a novel heterobilayer configuration of polypyrrole/glucose oxidase/horseradish peroxidase 233
- Sprules, S.D.  
—, Hartley, I.C., Wedge, R., Hart, J.P. and Pittson, R.  
A disposable reagentless screen-printed amperometric biosensor for the measurement of alcohol in beverages 215
- Stöcklein, W., see Wollenberger, U. 231
- Suárez-Iba, M.E.V., see Prada, S.M. 197
- Sugihara, H., see Sun, L.-X. 57
- Sun, L.-X.  
—, Okada, T. Collin, J.-P. and Sugihara, H.  
PVC membrane lithium-selective electrodes based on oligomethylene-bridged bis-1,10-phenanthroline derivatives 57
- Tan, M., see Lui, J. 297
- Tavčar, G.  
—, Ogorevc, B., Cai, X. and Pihlar, B.  
CeO<sub>2</sub> thin film electrode with a built-in electrochemically resetable oxidant for potentiometric stripping analysis 239
- Taylor, M.J.C.  
—, Marshall, G.D., Williams, S.J.S., van Staden, J.F. and Saling, C.  
The determination of vanadium(V) in the presence of vanadium(IV) using 4-(2-pyridylazo)resorcinol in a flow-injection manifold 275
- Tercier, M.-L., see Belmont, C. 203
- Toma, H.E., see Angnes, L. 91
- van Staden, J.F., see Taylor, M.J.C. 275
- Walczak, B., see Wu, W. 257
- Wang, H., see Wu, H. 161
- Wang, J., see Kubiak, W.W. 181
- Wang, Y., see Zhou, D.-m. 41
- Watanabe, A., see Ikebukuro, K. 111
- Wedge, R., see Sprules, S.D. 215
- Wei, J., see Liu, H. 97
- Williams, S.J.S., see Taylor, M.J.C. 275
- Wollenberger, U.  
—, Drungilience, A., Stöcklein, W., Kulys, J.J. and Scheller, F.W.  
Direct electrocatalytic determination of dissolved peroxidases 231
- Wu, H.  
— and Wang, H.  
Studies of the influence of the surfactant sodium dodecyl sulfate on the fluorescence properties of kinetin 161
- Wu, W.  
—, Mallet, Y., Walczak, B., Penninckx, W., Massart, D.L., Heuerding, S. and Erni, F.  
Comparison of regularized discriminant analysis, linear discriminant analysis and quadratic discriminant analysis, applied to NIR data 257
- Wu, X., see Liu, H. 97
- Yang, C., see Zhou, X. 105
- Yao, S., see Chen, K. 83
- Ye, J., see Fang, X. 49
- Ying, K.B., see Lui, J. 297
- Yong, P.  
—, Eccles, H. and Macaskie, L.E.  
Determination of uranium, thorium and lanthanum in mixed solutions using simultaneous spectrophotometry 173
- Yoon, H.C., see Shin, M.-C. 233
- Yu, T., see Liu, H. 97
- Zambonin, C.G.  
—, Guerrieri, A. and Palmisano, F.  
Simultaneous determination of 5'-deoxy-5-fluorouridine, 5-fluorouracil and 5,6-dihydro-5-fluorouracil in plasma by gas chromatography-mass spectrometry 143
- Zelano, V., see Gulmini, M. 33
- Zhang, H., see Chen, K. 83
- Zhang, W., see Zhou, X. 105
- Zhang, X., see Liu, H. 97
- Zhou, D.-m.  
—, Fang, H.-Q., Chen, H.-y., Ju, H.-x. and Wang, Y.  
The electrochemical polymerization of methylene green and its electrocatalysis for the oxidation of NADH 41
- Zhou, X.  
—, Cha, H., Yang, C. and Zhang, W.  
Determination of pH using a polyaniline-coated piezoelectric crystal 105